

## INDEX TO VOLUME XXXIX

## A

- Acanthopneuste borealis kennicotti*, 91  
*Accipiter cooperii*, 32, 44, 212, 220  
     *velox*, 32, 212  
*Actitis macularia*, 19, 32, 119  
*Aëronautæ saxatalis*, 187, 188  
     *saxatalis saxatalis*, 33, 129  
*Agelaius phoeniceus*, 194, 216  
     *phoeniceus californicus*, 34  
     *phoeniceus nevadensis*, 90  
     *tricolor*, 34, 61-81, 194  
*Aimophila ruficeps scotti*, 255  
*Alhuda arvensis*, 24-31.  
*Albatross*, Black-footed, 16, 226, 261  
*Alcatraz*, 6  
*Alexander*, Gordon, the black vulture in Colorado—a correction, 174  
*Ammodramus savannarum*, 229  
*Amphispiza belli*, 250  
     *bilineata deserticola*, 86, 218  
     *nevadensis*, 218  
     *nevadensis canescens*, 35  
*Anas platyrhynchos*, 31, 119, 246  
*Anhinga anhinga*, 132  
*Anser*, 247  
     *albifrons*, 90  
     *albifrons albifrons*, 31  
*Anthus cervinus*, 91  
     *spinoletta*, 254  
     *spinoletta rubescens*, 34, 91, 215  
*Aphelocoma*, 250-252  
     *californica*, 250, 251  
     *californica californica*, 33  
     *californica immanis*, 112, 192  
     *californica oocleptica*, 133  
     *californica woodhousei*, 42  
*Aquila chrysaëtos*, 49-56  
     *chrysaëtos canadensis*, 32, 128  
*Archilochus alexandri*, 33  
*Ardea herodias*, 91, 118, 119  
     *herodias hyperonca*, 31  
*Ardeola ibis ibis*, 131  
*Arnold*, John R., birds of the Coalinga area, Fresno County, California, 31  
*Asio flammeus*, 99, 129  
     *flammeus flammeus*, 33  
     *wilsonianus*, 32  
*Asyndesmus lewis*, 91, 192  
*Auklet*, Cassin, 181  
     *Paroquet*, 257  
*Auriparus flaviceps*, 214  
*Avocet*, 32, 91, 119  
     *American*, 174

## B

- Baeolophus inornatus griseus*, 125  
     *inornatus kernensis*, 226  
     *inornatus zaleptus*, 225

- Bailey*, Alfred M., and Robert J. Niedrach, five species new to Colorado, 132  
*Balanosphyra formicivora aculeata*, 88  
     *formicivora bairdi*, 192-197  
*Baldpate*, 31, 119, 167  
*Bathornis celeripes*, 256  
     *veredus*, 256  
*Behle*, William H., the cowbirds of the Sacramento Valley, California, 227  
*Behle*, William H., and Joseph Grinnell, a new race of brown towhee, from the Kern Basin of California, 177; a new race of titmouse, from the Kern Basin of California, 225  
*Bennitt*, Rudolf, and Werner O. Nagel, notice of their "a survey of the resident game and furbearers of Missouri," 180  
*Billings*, David, and Harold M. Hill, nesting of the western robin at Redlands, California, 253  
*Bishop*, Louis B., portrait of, 134  
*Bittern*, American, 91, 247  
*Blackbird*, Bicolored, 194  
     *Brewer*, 30, 34, 100, 194  
     *Nevada Red-winged*, 90  
     *Red-winged*, 216, 249  
     *Tricolored*, 194  
     *Yellow-headed*, 34, 216  
*Bluebird*, Mountain, 100, 129, 215  
     *Western*, 34, 215, 231  
*Bluthroat*, Red-spotted, 91  
*Bombycilla cedrorum*, 34, 215, 254  
*Bonasa*, 252  
*Bond*, Richard M., canyon wren in the state of Washington, 43  
*Bond*, Richard M., and Joseph S. Dixon, raptorial birds in the cliff areas of Lava Beds National Monument, California, 97  
*Booby*, Blue-footed, 6  
*Borell*, A. E., cooper hawk eats a flammulated screech owl, 44; the marbled godwit and sanderling in New Mexico, 132  
*Botaurus lentiginosus*, 91, 247  
*Branta*, 247  
     *canadensis canadensis*, 49, 150  
     *canadensis leucopareia*, 157  
     *canadensis occidentalis*, 149-159  
*Brett*, Walter, 60-61  
*Brooks*, Allan, the patagial fan in the tubinares, 82; Pacific golden plover and curlew sandpiper on the Pacific coast of North America, 176  
*Bubo leptosteus*, 84  
     *virginianus*, 97-100, 213  
     *virginianus pacificus*, 32  
*Buffle-head*, 119, 164, 169, 245, 246  
*Bullfinch*, Cassin, 91  
*Bulweria*, 83

- Bunting, Lark, 90  
 Lazuli, 86, 91, 217, 254  
 Bush-tit, 136  
   California, 33  
   Lead-colored, 42  
*Buteo albonotatus*, 254  
   *borealis*, 97  
   *borealis calurus*, 32, 175, 212  
   *borealis harlani*, 228  
   *lagopus*, 100  
   *lagopus s. johannis*, 39, 41  
   *platypterus*, 19  
   *regalis*, 32, 39, 41, 100  
   *swainsoni*, 32, 126  
*Butorides virescens anthonyi*, 31, 212
- C
- Calamospiza melanocorys*, 90  
*Calcarius lapponicus alascensis*, 44, 229  
   *ornatus*, 104-107, 233, 255  
*Calypte anna*, 33  
   *costae*, 213  
 Camanay, 6  
 Canvas-back, 90, 128, 168, 243, 245, 246  
*Capella delicata*, 32, 212  
*Cardellina rubrifrons*, 89  
 Cardinal, 135, 136  
*Carpodacus cassinii*, 35  
   *mexicanus*, 225, 250  
   *mexicanus centralis*, 204  
   *mexicanus frontalis*, 35, 217  
   *mexicanus mexicanus*, 204  
   *mexicanus rhodocolpus*, 204  
   *mexicanus rhodopus*, 38  
   *mexicanus sonoriensis*, 38  
   *purpureus californicus*, 35, 217  
 Carter, Frances, a record of the white-winged dove from Twenty-nine Palms, San Bernardino County, California, 85; bird life at Twentynine Palms, 210  
*Casmerodius albus*, 254  
   *egretta*, 87  
*Cassidix mexicanus mexicanus*, 254  
 Castle, G. B., the rocky mountain pigmy owl in Montana, 132  
*Cathartes aura*, 19, 100, 212  
   *aura teter*, 32  
*Catherpes mexicanus conspersus*, 43  
   *mexicanus punctulatus*, 40  
*Catoptrophorus semipalmatus inornatus*, 41, 87, 259  
*Ceophloeus pileatus*, 249  
*Chaetura vauxi*, 222  
*Chamaea fasciata*, 250  
 Chambers, W. Lee, election to honorary membership, 94, 95, 96  
*Charitonetta albeola*, 119, 164, 246  
 Chat, 254  
   Long-tailed, 90, 216  
*Chauleasmus streperus*, 246
- Chen caerulescens*, 128  
   *hyperborea hyperborea*, 128, 247  
   *rossii*, 128  
*Chickadee*, Chestnut-backed, 122, 136, 255  
   Chestnut-sided Chestnut-backed, 123  
   Long-tailed, 86  
   Mountain, 86  
*Chlidonias nigra*, 119, 254  
*Chondestes grammacus strigatus*, 35  
*Chordeiles acutipennis texensis*, 33, 42, 213  
*Chuita*, Red-legged, 6  
*Cinclus mexicanus*, 254  
*Circus hudsonius*, 32, 100, 129  
*Coccyzus americanus occidentalis*, 57, 87  
*Colaptes cafer collaris*, 14, 33, 192, 213  
*Columba fasciata*, 12, 13  
   *flavirostris*, 12  
*Colymbus auritus*, 40  
   *grisegena holboellii*, 163-173  
   *nigricollis*, 40  
   *nigricollis californicus*, 31, 164, 212  
 Condor, California, 160, 249  
 Cooper Ornithological Club, annual meeting, 45, 93, 136, 181-184; board of governors, annual meeting, 182; regular meeting, minutes of, 46, 94, 134, 180, 231, 261  
*Coot*, American, 32, 119, 171  
*Coragyps atratus atratus*, 174  
*Cormorant*, Double-crested, 36, 117, 119  
*Corthylio calendula*, 215  
   *calendula cineraceus*, 34  
*Corvus brachyrhynchos hesperis*, 33, 88, 192, 252  
   *caurinus*, 252  
   *corax sinuatus*, 33, 214  
   *cryptoleucus*, 251  
 Cowan, Ian McTaggart, the house finch at Victoria, British Columbia, 225  
 Cowbird, California, 86, 227  
   Dwarf, 34, 90  
*Crocethia alba*, 132  
 Crossbill, Red, 250  
 Crow, Northwest, 252  
   Western, 33, 88, 192-197, 252  
*Cryptoglaux acadica*, 130, 185, 213  
 Cuckoo, California, 57, 87  
*Curlew*, Long-billed, 254  
*Cyanocitta*, 250, 252  
   *stelleri frontalis*, 22, 112  
*Cyanosylvia suecica*, 91  
*Cyclorhynchus psittacula*, 257  
*Cygnus buccinator*, 228  
   *columbianus*, 128, 150
- D
- Dafila acuta*, 90, 119, 128, 246  
 Daption, 83  
 Davis, William B., a Vaux swift and its young, 222  
 Decker, Henry W., spotted owl seen at Dundee, Oregon, 132

- Dendragapus*, 252  
*Dendroica aestiva*, 216  
     *aestiva brewsteri*, 34  
     *auduboni*, 34, 38, 216  
     *castanea*, 223  
     *cerulea*, 132  
     *nigrescens*, 34, 38, 216  
     *occidentalis*, 216  
     *pennsylvanica*, 133  
     *striata*, 223  
     *townsendi*, 90, 216  
*Diomedea exulans*, 83  
     *nigripes*, 16, 83, 226  
Dipper, 254  
Dixon, James B., the golden eagle in San Diego County, California, 49  
Dixon, Joseph S., and Richard M. Bond, raptorial birds in the cliff areas of Lava Beds National Monument, California, 97  
Dove, Mourning, 14, 85, 212, 219  
     Western Mourning, 32  
     White-winged, 85, 96, 213  
Dowitcher, 254  
*Dryobates arizonae*, 254  
     *nuttallii*, 33, 194  
     *pubescens leucurus*, 41, 88  
     *pubescens turati*, 194  
     *scalaris cactophilus*, 213  
     *villosus hyloscopus*, 33  
DuBois, A. Dawes, notes on coloration and habits of the chestnut-collared longspur, 104; the McCown longspurs of a Montana prairie, 233  
Duck, Old-squaw, 181  
     Ring-necked, 119, 125, 171  
     Ruddy, 31, 119, 128, 164, 245, 246  
     Wood, 136, 246
- E**
- Eagle, Bald, 37, 118, 126  
     Golden, 32, 49-56, 128  
     Southern Bald, 39, 87  
Ectopistes migratorius, 12  
Egret, 254  
     American, 47, 87, 91, 128, 212  
     Brewster Snowy, 87  
     Snowy, 31, 47, 91, 131, 168  
Egretta thula, 17, 91, 131  
     *thula brewsteri*, 31, 87, 128  
Elanus leucurus, 132, 220  
     *leucurus majusculus*, 222  
Emerson, W. Otto, portrait of, 46  
Emlen, J. T., Jr., bird damage to almonds in California, 192  
Empidonax difficilis, 213  
     *traillii*, 33  
Ereunetes mauri, 32, 191  
Erickson, Mary M., a jay shoot in California, 111  
Erismatura jamaicensis, 119  
     *jamaicensis rubida*, 31, 128, 164

- Erolia testacea*, 177  
*Euphagus cyanocephalus*, 34, 100, 194  
*Eupoda montana*, 32

**F**

- Falco columbarius*, 32, 220  
     *mexicanus*, 32, 43, 97-100  
     *peregrinus*, 98  
     *peregrinus anatum*, 225  
     *peregrinus pealei*, 176  
     *sparverius*, 32, 39, 97, 137-143, 212  
Falcon, Peale, 176  
     Prairie, 32, 43, 97-100, 138  
Finch, California Purple, 217  
     Cassin Purple, 35  
     Common House, 35  
     Guanajuato House, 204  
     House, 98, 217, 225, 250  
     Sonora House, 38  
Fleming, J. H., Walter Brett: 1836-1917, 60  
Flicker, Red-shafted, 14, 33, 100, 192, 213  
Florida caerulea, 17, 131  
Flycatcher, Ash-throated, 33, 213  
     Little, 33  
     Olive-sided, 92, 214  
     Vermilion, 37, 214  
     Western, 213  
Fregata magnificens rothschildi, 17, 258  
Friedmann, Herbert, further additions to the known avifauna of St. Lawrence Island, Alaska, 91  
Fritz, Emanuel, sapsuckers on redwood, 36  
Fulica americana, 32, 119, 171  
Fulmar, Giant, 83  
Fulmarus, 83

**G**

- Gadwall, 245, 246  
Gallinula chloropus cachimans, 39  
Gallinule, Florida, 39  
Garth, John S., the Hancock expedition of 1935 to the bird islands of Peru, 3  
Gavia immer elasson, 165  
Geococcyx californianus, 32  
Geothlypis trichas, 216  
     *trichas occidentalis*, 34  
Gilman, M. French, Death Valley bird notes for 1936, 90  
Glaucidium gnoma, 229  
     *gnoma pinicola*, 132  
Glaucionetta islandica, 164  
Gnatcatcher, Western, 34, 215  
Godwit, Marbled, 90, 132  
Golden-eye, 245, 246  
     American, 171  
     Barrow, 164-169  
Goldfinch, 255  
     Green-backed, 35, 218  
     Lawrence, 35, 218  
     Pale, 42  
     Willow, 35, 125, 218

- Goose, Blue, 128  
 Cackling, 158, 247  
 Hutchins, 247  
 Lesser Canada, 157  
 Ross, 128, 248  
 Snow, 128, 247, 248  
 White-cheeked, 149-159  
 White-fronted, 31, 90, 248  
 Grackle, Great-tailed, 254  
 Granfield, William M., nesting of the saw-whet owl, 185  
 Grebe, Eared, 31, 40, 126, 164, 212  
 Holboell, 96, 163-173  
 Grinnell, Joseph, subspecific appraisal of red-breasted sapsuckers, 122; the swallows at the Life Sciences Building, 206; an overlooked synonym of the chestnut-backed chickadee, 255  
 Grinnell, Joseph, and William H. Behle, a new race of brown towhee, from the Kern Basin of California, 177; a new race of titmouse, from the Kern Basin of California, 225  
 Grosbeak, Black-headed, 35, 91, 217  
 Blue, 217  
 Evening, 254  
 Rocky Mountain Pine, 89  
 Rose-breasted, 217  
 Grus nannodes, 40  
 Guanay, 3-8  
 Guiraca caerulea, 217  
 Gull, California, 15, 18, 126  
 Glaucous, 129  
 Glaucous-winged, 19, 132, 238-242  
 Herring, 238, 241, 242, 258  
 Laughing, 18  
 Sabine, 19  
 Wyman, 18  
 Yellow-footed, 18
- H**
- Haematopus townsendi, 4  
 Haliaeetus leucocephalus, 37, 97, 118  
 leucocephalus leucocephalus, 39, 87  
 Halocryptena microstoma, 44  
 Hanna, Wilson C., vermilion flycatcher near Los Angeles, 37; California cuckoo in the San Bernardino Valley, California, 57  
 Hargrave, Lyndon L., Allan R. Phillips, and Randolph Jenks, the white-winged junco in Arizona, 258  
 Harpagus bidentatus fasciatus, 219  
 Hawk, American Rough-legged, 41  
 Broad-winged, 19  
 Cooper, 32, 44, 112, 212  
 Duck, 18, 54, 96, 98-100, 225  
 Ferruginous Rough-legged, 32, 100, 237  
 Harlan, 228  
 Marsh, 32, 100, 129, 237  
 Mexican Black, 87  
 Pigeon, 32  
 Red-tailed, 97-100, 112, 114, 126, 175, 229  
 Sharp-shinned, 32, 37, 212  
 Sparrow, 32, 39, 47, 97, 112, 114, 137-143, 212  
 Swainson, 32, 126, 237  
 Western Red-tailed, 32, 54, 212  
 Zone-tailed, 254  
 Hedymeles ludovicianus, 217  
 melanocephalus, 35, 91, 217  
 Heleodytes, 250  
 Heron, Anthony Green, 31, 212  
 Black-crowned Night, 31, 91, 119, 131, 254  
 Buff-backed, 131  
 California Great Blue, 31  
 Great Blue, 91, 118, 119, 247  
 Little Blue, 17, 131  
 Little Green, 17  
 Louisiana, 131  
 Snowy, 17  
 Treganza, 87  
 Treganza Blue, 126  
 Yellow-crowned Night, 17  
 Hesperiphona vespertina, 254  
 Hickey, Joseph J., notes on leg colors of white herons, 131  
 Hill, Harold M., and David Billings, nesting of the western robin at Redlands, California, 253  
 Himantopus mexicanus, 90, 91, 119  
 Hirundo erythrogaster, 33  
 Hopkins, Cranston L., and Clarence F. Smith, notes on the barn owls of the San Francisco Bay region, 189  
 Howard, Hildegarde, a pleistocene record of the passenger pigeon in California, 12  
 Hudson, G. E., notice of his "studies on muscles of the pelvic appendage of birds," 93  
 Hummingbird, Anna, 33  
 Black-chinned, 33  
 Costa, 213  
 Rufous, 33, 181  
 Hydrobatidae, 83  
 Hyllocichla guttata, 34, 215  
 ustulata, 215  
 ustulata ustulata, 34, 132
- I**
- Ibis, White-faced Glossy, 31, 47, 243, 247, 254  
 Wood, 87  
 Icteria virens, 254  
 virens longicauda, 90, 216  
 Icterus bullockii, 34, 217  
 cucullatus nelsoni, 90, 216  
 parisorum, 217  
 Imbler, Ralph H., bald eagle pellets in Kansas show rabbits as principal food, 37  
 Ingles, Lloyd G., desert and Lincoln sparrows near Chico, California, 86; occurrence of the white-tailed kite in northern California, 222  
 Iridoprocne bicolor, 33, 90, 129, 254  
 Ixoreus naevius naevius, 34

## J

- Jaeger, Parasitic, 28  
 Jay, Blue-fronted Steller, 123  
     California, 33, 112, 133, 192, 250, 251  
     Nicasio California, 133  
     Steller, 72, 122, 251  
     Woodhouse, 42  
 Jenks, Randolph, Lyndon L. Hargrave, and Allan R. Phillips, the white-winged junco in Arizona, 258  
 Jenks, Randolph, and James Stevenson, northern Arizona bird notes, 40; bird records from central-eastern Arizona, 87; notes on range of Bendire thrasher in Arizona and New Mexico, 126  
 Jewett, Stanley G., the western mockingbird in Oregon, 91; a northern record for the gray titmouse in Oregon, 125  
 Johnstone, C. Stuart, and Loye Miller, a Pliocene record of Parapavo from Texas, 229  
 Junco, 218  
     Shufeldt, 132  
     Sierra, 35  
     White-winged, 258, 259  
 Junco aikeni, 258, 259  
     caniceps, 259  
     caniceps dorsalis, 259  
     hyemalis, 259  
     mearnsi, 259  
     oreganus, 218, 259  
     oreganus shufeldti, 132  
     oreganus thurberi, 35

## K

- Kennard, Frederic H., notice of death of, 94  
 Kenyon, Karl W., two sea-bird records for southern California, 257  
 Killdeer, 32, 119, 127, 212, 247  
 Kingbird, 19  
     Arkansas, 33, 41  
     Cassin, 33, 213, 258  
     Western, 213, 258  
 Kingfisher, Belted, 119, 213  
     Western Belted, 33  
 Kinglet, Golden-crowned, 254  
     Ruby-crowned, 215  
     Western Ruby-crowned, 34  
 Kite, White-tailed, 132, 222

## L

- Lanius collurio, 119-122  
     ludovicianus, 119, 215, 250, 251  
     ludovicianus gambeli, 34, 120  
     senator, 119-122  
 Lark, California Horned, 33  
     Desert Horned, 233, 236, 237  
     Horned, 100, 250, 251  
     Oregon Horned, 44  
 Larosterna inca, 6  
 Larus, 119  
     argentatus, 132

- argentatus smithsonianus, 258  
 atricilla, 18  
 belcheri, 4  
 californicus, 15, 18, 126  
 dominicanus, 4  
 glaucescens, 19, 132, 238-242  
 hyperboreus, 129  
 occidentalis livens, 18  
 occidentalis wymani, 18  
 Leopold, Aldo, the thick-billed parrot in Chihuahua, 9  
 Limnodromus griseus, 254  
 Limosa fedoa, 90, 132  
 Linsdale, Jean M., preservation of birds in California, 198  
 Linsdale, Jean M., and Thomas L. Rodgers, frequency of occurrence of birds in Alum Rock Park, Santa Clara County, California, 108  
 Linsdale, Jean M., and E. L. Sumner, Sr., weights of spotted towhees, 162  
 Lobipes lobatus, 87, 91  
 Long, W. S., new birds recorded from Bryce Canyon National Park, Utah, 41  
 Longspur, Alaska, 44, 229  
     Chestnut-collared, 104-107, 233, 234, 255  
     McCown, 104, 233-238  
 Loon, Lesser, 165-173  
 Lophortyx, 252  
     californica, 250, 251  
     californica vallicola, 32  
     gambelii, 212  
 Loxia curvirostra, 250

## M

- Macronectes giganteus, 83  
 Magpie, Yellow-billed, 194, 199, 231, 251  
 Mailliard, Joseph, hybridism between myrtle and Audubon warblers, 223  
 Mallard, 31, 100, 119, 245, 246  
 Man-o'-war-bird, 17, 258  
 Mareca americana, 31, 119, 167, 246  
 Marila valisineria, 90  
 Marshall, William H., double-crested cormorant nesting on the Bear River Refuge in Utah, 36; a blue goose record from Utah, 128; a herring gull record for Utah, 258  
 McAllister, M. Hall, photograph of, 243  
 McGregor, Richard C., notice of death of, 45  
 McLean, Donald D., some additional records of birds for northeastern California, 228  
 Meadowlark, Western, 29, 34, 100, 191, 216, 251  
 Megasceryle alcyon, 119  
     alcyon caurina, 33  
 Melanitta deglandi, 170  
 Melopelia asiatica, 12  
     asiatica mearnsi, 213  
     asiatica trudeaui, 86  
     leucoptera, 83  
 Melospiza lincolni, 219, 255  
     lincolni lincolni, 87  
     melodia heermanni, 35

- Merganser, 212, 245, 246  
 American, 32, 117, 119, 126, 181
- Mergus, 212  
 merganser, 117, 119  
 merganser americanus, 32, 126
- Miller, Alden H., the nuptial flight of the Texas nighthawk, 42; a comparison of behavior of certain North American and European shrikes, 119; notes on the saw-whet owl, 130; biotic associations and life-zones in relation to the Pleistocene birds of California, 248; the Cassin kingbird in San Joaquin County, California, 258
- Miller, Loye, winter notes on some North American birds in the tropics, 16; notes on some petrels off San Diego, 44; election to honorary membership, 48; feather studies on the California Condor, 160; skeletal studies of the tropical hawk *Harpagus*, 219
- Miller, Loye, and C. Stuart Johnstone, a Pliocene record of *Parapavo* from Texas, 229
- Milvinae, 220
- Mimus polyglottos leucopterus, 33, 91, 214
- Mockingbird, 47, 96, 181, 214  
 Western, 33, 91, 219
- Moffitt, James, the white-cheeked goose in California, 149
- Molothrus ater californicus, 86, 227  
 ater obscurus, 34, 90, 228
- Monson, Gale, notes on birds from Graham County, Arizona, 254
- Moore, Robert T., a new house finch from central Mexico, 204
- Munro, J. A., studies of waterfowl in the Cariboo Region, British Columbia, 163
- Murre, California, 134, 261
- Myadestes townsendi, 40, 89
- Mycteria americana, 87
- Myiarchus cinerascens, 33, 213
- Myiochanes richardsonii richardsonii, 33  
 virens richardsonii, 213
- N**
- Nagel, Werner O., and Rudolf Bennitt, notice of their "a survey of the resident game and furbearers of Missouri," 180
- Neff, Johnson A., nesting distribution of the tricolored red-wing, 61
- Nettion carolinense, 128, 167, 212, 246
- Nice, Margaret Morse, notice of her "a population study of the song sparrow," 180
- Niedrach, Robert J., and Alfred M. Bailey, five species new to Colorado, 132
- Nighthawk, Texas, 33, 42, 213
- Nucifraga columbiana, 33, 39, 90, 254
- Numenius americanus, 254
- Nutcracker, Clark, 33, 39, 90, 254
- Nuthatch, Pigmy, 249, 250  
 Red-breasted, 38, 88, 250, 254
- Nuttallornis borealis, 214  
 mesoleucus, 92
- Nycticorax nycticorax, 91, 119, 254  
 nycticorax hoactli, 31
- Nyroca affinis, 168  
 americana, 128, 168  
 collaris, 119, 125, 171  
 valisineria, 128, 168, 246
- O**
- Oceanodroma leucorhoa kaedingi, 44  
 melania, 226
- Oenanthe oenanthe oenanthe, 91
- Oporornis tolmiei, 90, 216
- Oreortyx, 252  
 picta, 20  
 picta confinis, 20, 22  
 picta eremophila, 22  
 picta palmeri, 21  
 picta picta, 20, 22
- Oreoscoptes montanus, 34, 88, 215, 250, 256
- Oriole, Arizona Hooded, 90, 216, 219, 262  
 Bullock, 34, 217  
 Scott, 217, 232
- Orr, Robert T., summer records of birds for Marin County, California, 38
- Osprey, 19, 39, 91, 118, 126, 181, 262
- Otocoris alpestris, 250  
 alpestris actia, 33  
 alpestris lamprochroma, 44
- Otus asio, 213  
 asio bendirei, 32, 176  
 asio cineraceus, 88  
 asio quercinus, 176  
 flammeolus, 44, 88
- Owl, Barn, 32, 97-102, 129, 189  
 Burrowing, 136, 250  
 California Screech, 32, 176  
 Flammulated Screech, 44, 88  
 Horned, 97-100, 213  
 Long-eared, 32  
 Mexican Screech, 88  
 Northern Spotted, 132  
 Pacific Horned, 32, 54  
 Pasadena Screech, 176  
 Pigmy, 229  
 Rocky Mountain Pigmy, 132  
 Saw-whet, 130, 185, 213, 249, 251  
 Screech, 213  
 Short-eared, 33, 99, 101, 129, 237  
 Spotted, 132, 261  
 Western Burrowing, 32
- Oxyechus vociferus, 32, 119, 127, 212
- Oyster-catcher, 4
- P**
- Pachyptila, 83
- Pandion haliaëtus, 91, 118  
 haliaëtus carolinensis, 39, 126
- Parapavo californicus, 229
- Parmenter, Henry E., flights of shearwaters along the California coast, 253
- Parrot, Thick-billed, 9
- Partridge, European, 29



- Parus ferrugineus*, 255  
*rufescens*, 255  
*sibericus*, 255  
*sitchensis*, 255  
*Passer domesticus*, 207, 216  
*domesticus domesticus*, 34  
*Passerculus sandwichensis*, 218  
*sandwichensis alaudinus*, 35  
*sandwichensis nevadensis*, 259  
*Passerella iliaca*, 162, 219, 250  
*Passerina amoena*, 86, 91, 217, 254  
*Pelecanoides*, 83  
*garnoti*, 5  
*Pelecanus erythrorhynchos*, 117, 119, 125, 128, 175, 225, 259  
*occidentalis*, 17, 225  
*occidentalis californicus*, 128, 175, 225  
*thagus*, 6  
*Pelican*, Brown, 17, 128, 225  
*California Brown*, 175, 225  
*White*, 117, 119, 125, 128, 175, 225, 259  
*Pemberton*, J. R., portrait of, 93  
*Penguin*, Humboldt, 4  
*Penthestes atricapillus septentrionalis*, 86  
*gambeli*, 86  
*Petrel*, Black, 44, 226  
*Kaeding*, 44  
*Least*, 44  
*Wilson*, 44  
*Petrochelidon albibrons*, 100, 206-210, 214, 250  
*Pewee*, Western Wood, 33, 213  
*Phaethon aethereus*, 16, 226  
*lepturus*, 16  
*Phainopepla*, 215  
*nitens*, 215  
*Phalacrocorax auritus*, 117, 119  
*auritus auritus*, 36  
*bougainvillei*, 3  
*gaimardi*, 6  
*Phalaenoptilus nuttallii*, 213  
*nuttallii californicus*, 129  
*Phalarope*, Northern, 87, 91  
*Red*, 19, 92  
*Wilson*, 41, 91, 119  
*Phalaropus fulicarius*, 19, 92  
*Pheasant*, Ring-necked, 29, 100  
*Phillips*, Allan R., a nest of the olive-sided fly-catcher, 92  
*Phillips*, Allan R., Lyndon L. Hargrave, and Randolph Jenks, the white-winged junco in Arizona, 258  
*Phillips*, Allan R., and Chas. T. Vorhies, brown pelicans invade Arizona, 175  
*Philp*, Gilbert, the effect of smudging upon birds, 125  
*Phoebe*, Black, 33, 213  
*Say*, 33, 213, 219  
*Pica*, 250, 251  
*nuttallii*, 251  
*Pickwell*, Gayle, winter habits of the white-throated swift, 187  
*Pierce*, Wright M., a pet sparrow hawk, 137; portrait of, 179; notice of death of, 179, 183  
*Pigeon*, Band-tailed, 95  
*Domestic*, 29  
*Passenger*, 12  
*Pinicola enucleator montana*, 89  
*Pintail*, 90, 91, 119, 128, 244-246  
*Pipilo fuscus*, 250  
*fuscus bullatus*, 178  
*fuscus carolae*, 35, 177, 178  
*fuscus eremophilus*, 177  
*fuscus kernensis*, 177  
*fuscus mesoleucus*, 178  
*maculatus falcifer*, 162  
*maculatus falcinellus*, 35  
*Pipit*, 215, 254  
*American*, 34, 91  
*Red-throated*, 91  
*Piquero*, 5  
*Piranga ludoviciana*, 34, 90, 178, 217  
*rubra rubra*, 39  
*Pisobia bairdii*, 87  
*melanotos*, 40  
*minutilla*, 32, 212  
*Plegadis guarauna*, 31, 247, 254  
*Plover*, Black-bellied, 19  
*Golden*, 47, 177  
*Mountain*, 32  
*Pacific Golden*, 176  
*Pluvialis dominica fulva*, 176, 177  
*Polioptila caerulea*, 215  
*caerulea amoenissima*, 34  
*Poocetes gramineus*, 35  
*Poor-will*, 213  
*Dusky*, 129  
*Potter*, Laurence B., the prairie falcon nesting in Saskatchewan, 43; the sage thrasher in Saskatchewan, 256  
*Presnall*, C. C., three new records from Bryce Canyon, Utah, 259  
*Priocella*, 83  
*Procellaria*, 83  
*Protostrix leptosteus*, 85  
*lydekkeri*, 85  
*saurodosis*, 85  
*Psaltiriparus minimus californicus*, 33  
*minimus plumbeus*, 42  
*Pterodroma cookii*, 83  
*inexpectata*, 82  
*macroptera*, 83  
*Puffinus bulleri*, 82  
*creatopus*, 226  
*griseus*, 226, 253  
*Pyrocephalus rubinus mexicanus*, 37, 214  
*Pyrrhula pyrrhula cassinii*, 91

## Q

- Quail*, California, 250, 251  
*Desert Mountain*, 22  
*Gambel*, 212

- Lower California Mountain, 22  
 Mountain, 20, 250  
 Northwestern Mountain, 21  
 Sierra Nevada Mountain, 22  
 Valley, 32  
*Querquedula cyanoptera*, 31, 90, 119, 212, 246  
 discors, 167  
 Quick, Alice, white-tailed kites observed in Yolo  
 County, California, 132

## R

- Rail, California Clapper, 44  
 Pacific Virginia, 227  
 Virginia, 222  
*Rallus limicola zetarius*, 222, 227  
*obsoletus obsoletus*, 44  
 Raven, American, 33, 214  
 White-necked, 251  
*Recurvirostra americana*, 32, 91, 119, 174  
 Redhead, 128, 168, 245-246  
 Redstart, 216  
 Red-wing, Bicolored, 34  
 Tricolored, 34, 61-81  
*Regulus regulus*, 254  
*Rhynchophanes mccowni*, 233-238  
*Rhynchopsitta pachyrhyncha*, 9  
 Ridgway, John L., needless photographic fail-  
 ures, 10  
 Road-runner, 47  
 Robin, Western, 15, 34, 215, 253, 254  
 Rodgers, Thomas L., behavior of the pine sis-  
 kin, 143  
 Rodgers, Thomas L., and Jean M. Linsdale, fre-  
 quency of occurrence of birds in Alum  
 Rock Park, Santa Clara County, Cali-  
 fornia, 108  
 Rough-leg, American, 39, 100  
 Ferruginous, 39, 41  
 Rudd, R. L., and Jack C. von Bloeker, Jr., two  
 unusual screech owls, 176

## S

- Salpinctes obsoletus*, 33, 214  
 Sanderling, 132, 177  
 Sandpiper, Baird, 87  
 Curlew, 177  
 Least, 32, 212  
 Pectoral, 40, 47  
 Spotted, 19, 32, 119  
 Western, 32, 177, 191  
 Sapsucker, Red-breasted, 36, 122-124  
 Red-naped, 88  
 Williamson, 90  
 Saylor, Lawrence W., red-tailed hawk choked  
 by squirrel skull, 175  
*Sayornis nigricans*, 33, 213  
 saya, 213  
 Scaup, Lesser, 168  
 Scoter, White-winged, 170  
*Selasphorus rufus*, 33  
*Setophaga ruticilla*, 216

- Shag, Red-legged, 6  
 Shearwater, 226  
 Fluttering, 83  
 Slender-billed, 95  
 Sooty, 253  
 Shoveller, 91, 119, 245, 246  
 Shrike, 215  
 California, 34  
 Loggerhead, 119, 250, 251  
 Red-backed, 119  
 Woodchat, 119  
*Sialia currucoides*, 129, 215  
*mexicana occidentalis*, 34, 215  
 Silliman, O. P., and Jack C. von Bloeker, Jr.,  
 some winter field notes from Monterey  
 County, California, 128  
 Siskin, Pine, 143-149, 217, 250  
*Sitta canadensis*, 38, 88, 250, 254  
 pygmaea, 250  
 Skylark, 24-31  
 Smiley, Dwight C., water birds of the Boulder  
 Dam region, 115  
 Smith, Clarence F., and Cranson L. Hopkins,  
 notes on the barn owls of the San Fran-  
 cisco Bay region, 189  
 Snipe, Wilson, 32, 41, 95, 212  
 Solitaire, Townsend, 40, 47, 89  
 Sparrow, Bell, 47  
 Black-throated, 36  
 Brewer, 41  
 California Sage, 35  
 Chipping, 218, 232  
 Desert, 86, 218  
 English, 34, 140, 207, 216  
 Fox, 162, 212, 219, 250  
 Gambel, 35, 86, 129, 216, 219, 229  
 Golden-crowned, 35, 125, 162  
 Grasshopper, 229  
 Harris, 40, 90, 129, 135, 229  
 Heermann Song, 34, 35  
 House, 29  
 Lincoln, 87, 216, 219, 255  
 Nevada Savannah, 259  
 Rufous-crowned, 125  
 Sage, 218, 249, 250  
 Savannah, 216, 218  
 Scott, 255  
 Vesper, 135  
 Western Lark, 35  
 Western Savannah, 35  
 Western Tree, 229  
 White-crowned, 30, 216, 218  
 White-throated, 40, 136, 229  
*Spatula clypeata*, 31, 91, 119  
*Speotyto cunicularia*, 99, 250  
*cunicularia hypugaea*, 32  
*Spheniscus humboldti*, 4  
*Sphyrapicus thyroideus*, 90  
 varius daggetti, 36  
 varius nuchalis, 88  
 varius ruber, 123



- Spinus lawrencei*, 35, 218  
     *pinus*, 143-149, 217, 250  
     *psaltria hesperophilus*, 35, 218  
     *tristis*, 255  
     *tristis pallidus*, 42  
     *tristis salicamans*, 35, 218  
*Spizella arborea ochracea*, 229  
     *breweri breweri*, 41  
     *passerina*, 218  
 Sprot, G. D., notes on the introduced skylark in the Victoria district of Vancouver Island, 24; migratory behavior of some glaucous-winged gulls in the Strait of Georgia, British Columbia, 238  
*Squatarola squatarola*, 19  
*Steganopus tricolor*, 41, 91, 119  
*Stelgidopteryx ruficollis serripennis*, 33  
 Stephens, Frank, notice of death of, 260  
*Stercorarius parasiticus*, 128  
*Sterna forsteri*, 32  
     *hirundinacea*, 4  
     *hirundo hirundo*, 87  
     *paradisaea*, 4  
*Sternula lorata*, 4  
 Stevenson, James O., the Alaska longspur and Oregon horned lark in Texas, 44; the red phalarope in Texas, 92  
 Stevenson, James, and Randolph Jenks, northern Arizona bird notes, 40; bird records from central-eastern Arizona, 87; notes on range of Bendire thrasher in Arizona and New Mexico, 126  
 Stilt, Black-necked, 90, 91, 119  
 Stoner, Emerson A., sparrow hawk nests in chimney, 39; cowbird breeding in Solano County, California, 86; killdeer nests on roof of building, 127; notes on eggs of the California jay, 133; avocets nesting on San Pablo Bay marsh, 174; western tanager nesting near Cordelia, Solano County, California, 178; Virginia rail nesting at Benicia, California, 222; sleeping posture of a Virginia rail, 227; a record of twenty-five years of wildfowl shooting on the Suisun Marsh, California, 242  
*Strix occidentalis caurina*, 132  
*Sturnella*, 251  
     *neglecta*, 34, 191, 216, 251  
 Sugden, John W., outspread wings as a substitute for perching, 14  
*Sula neboxii*, 6  
     *variegata*, 5  
 Sumner, E. L., Sr., and Jean M. Linsdale, weights of spotted towhees, 162  
 Swallow, Barn, 33  
     Cliff, 98, 100, 206-210, 214, 219, 250  
     Rough-winged, 33  
     Tree, 33, 90, 129, 219, 254  
     Violet-green, 129  
 Swan, Trumpeter, 135, 228  
     Whistling, 128, 150, 228, 247  
 Swift, Vaux, 222  
     White-throated, 33, 129, 187
- T**
- Tachycineta thalassina lepida*, 129  
 Tanager, Summer, 39  
     Western, 34, 90, 178, 217  
 Teal, Blue-winged, 167  
     Cinnamon, 31, 90, 91, 119, 212, 246  
     Green-winged, 128, 167, 212, 246  
*Telmatodytes palustris*, 214  
     *palustris aestuarinus*, 33  
 Tern, Arctic, 4  
     Black, 119, 171, 254  
     Caspian, 126  
     Common, 87, 126  
     Forster, 32  
     Inca, 6  
*Thalassarche*, 83  
 Thrasher, Bendire, 126, 250, 251  
     California, 34, 125, 251  
     Leconte, 34, 215, 251  
     Sage, 34, 88, 215, 250, 251, 256  
 Thrush, Hermit, 34, 122, 215  
     Pacific Varied, 34  
     Russet-backed, 34, 132, 215  
     Sierra Nevada Hermit, 134  
     Varied, 96, 135  
*Thryomanes bewickii correctus*, 33  
 Titmouse, Gray, 125  
     Kern Basin Plain, 226  
*Totanus flavipes*, 41, 87, 128  
     *melanoleucus*, 32, 41, 87, 212  
 Towhee, Brown, 250  
     California, 125  
     Kern Basin Brown, 177  
     Sacramento Brown, 35  
     Sacramento Spotted, 35  
     Spotted, 162  
*Toxostoma bendirei*, 250  
     *lecontei*, 215, 250  
     *lecontei lecontei*, 34  
     *redivivum*, 251  
     *redivivum redivivum*, 34  
*Troglodytes aëdon parkmanii*, 33, 214  
 Tropic-bird, Red-billed, 16, 226  
     Yellow-billed, 16  
 Tubinares, 82  
*Turdus migratorius propinquus*, 15, 34, 215, 253  
 Turkey, California, 229  
*Tyrannus tyrannus*, 19  
     *verticalis*, 33, 41, 213, 258  
     *vociferans*, 33, 41, 213, 258  
*Tyto alba*, 97-102  
     *alba pratincola*, 32, 129  
     *pratincola*, 189
- U**
- English, W. E., a few unusual records from central California, 39  
*Urubitinga anthracina anthracina*, 87

## V

- van Rossem, A. J., a review of the races of the mountain quail, 20; concerning the name of the Sonora house finch, 38  
 Verdin, 214  
 Vermivora celata, 216  
   luciae, 41  
 Vireo, Cassin, 34, 216  
   Least, 40  
   Western Warbling, 34, 216  
 Vireo bellii pusillus, 40  
   gilvus swansonii, 34, 216  
   solitarius cassinii, 34, 216  
 von Bloeker, Jack C., Jr., and R. L. Rudd, two unusual screech owls, 176  
 von Bloeker, Jack C., Jr., and O. P. Silliman, some winter field notes from Monterey County, California, 128  
 Vorhies, Chas. T., and Allan R. Phillips, brown pelicans invade Arizona, 175  
 Vulture, Black, 174  
   Turkey, 19, 32, 100, 174, 212

## W

- Warbler, Audubon, 34, 38, 125, 145, 216, 223  
   Black-throated Gray, 34, 38, 216  
   California Yellow, 34  
   Cerulean, 132  
   Chestnut-sided, 133  
   Golden Pileolated, 34  
   Hermit, 216  
   Kennicott Willow, 91  
   Lucy, 41  
   Lutescent, 216  
   Myrtle, 223  
   Pileolated, 216  
   Red-faced, 89  
   Tolmie, 90, 216  
   Townsend, 90, 216  
   Yellow, 216  
 Water-turkey, 132  
 Waxwing, Cedar, 34, 215, 254  
 Wetherill, Milton A., long-tailed chickadee in Arizona, 86  
 Wetmore, Alexander, the eared grebe and other birds from the Pliocene of Kansas, 40; the systematic position of *Bubo leptosteus* Marsh, 84; the tibiotarsus of the fossil bird *Bathornis veredus*, 256  
 Weydemeyer, Winton, the Harris sparrow in northwestern Montana, 129  
 Wheatear, European, 91  
 Whip-poor-will, 130  
 Widgeon, 244-246  
 Willet, 247  
   Western, 41, 87, 259  
 Willett, G., summer tanager at Wilmington, Los Angeles County, 39; ring-necked duck in Ventura County, California, 125; off-shore bird notes, 226

- Williams, Laidlaw O., additional birds observed at Point Lobos Reserve, 229  
 Wilsonia pusilla, 216  
   pusilla chryseola, 34  
 Wolfe, Captain L. R., the duck hawk breeding in Nevada, 225  
 Woodbury, A. M., a brown pelican record from Utah, 225  
 Woodbury, Lowell A., parasites of fish-eating birds at Yellowstone Lake, Wyoming, 125  
 Woodpecker, Arizona, 254  
   Batchelder, 41  
   Batchelder Downy, 88  
   Cabanis, 33  
   Cactus, 213  
   California, 192-197  
   Imperial, 10  
   Lewis, 90, 192, 194, 249, 251  
   Mearns, 88  
   Nuttall, 33, 194  
   Pileated, 47, 249  
   Willow, 194  
 Woods, Robert S., communal thought versus instinct, 102  
 Wren, Cactus, 134, 250, 251  
   Canyon, 43, 219  
   Dotted, 40  
   House, 125  
   Marsh, 214  
   Rock, 33, 98, 100, 214  
   San Diego, 33  
   Suisun Marsh, 33  
   Western House, 33, 214  
 Wren-tit, 249, 250  
   Pallid, 125  
 Wythe, Margaret W., an additional record of the California clapper rail away from marshes, 44

## X

- Xanthocephalus xanthocephalus, 34, 216  
 Xema sabini, 19

## Y

- Yellow-legs, Greater, 32, 41, 87, 212  
   Lesser, 41, 87, 128  
 Yellow-throat, 216  
   Western, 34

## Z

- Zarcillo, 6  
 Zenaidura macroura, 212  
   macroura marginella, 32  
 Zonotrichia albicollis, 40, 229  
   coronata, 35, 162  
   leucophrys gambelii, 35, 129, 219  
   leucophrys leucophrys, 218  
   querula, 40, 90, 129, 228

